



# CPUC ADVANCED RATE DESIGN FORUM

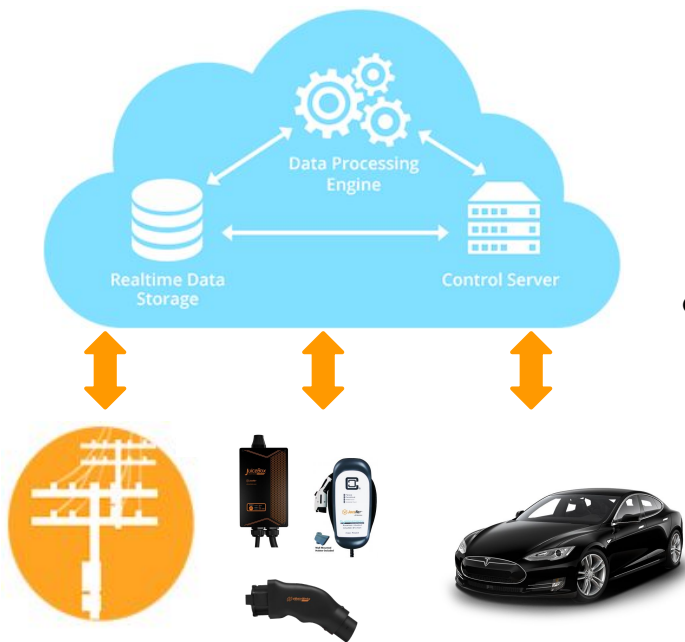
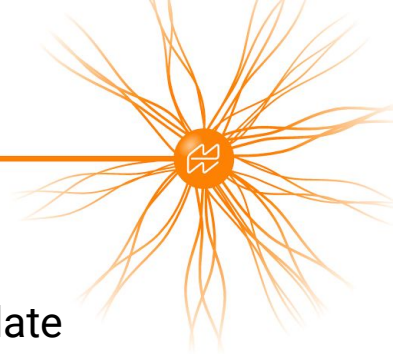
*Prices to Devices:*

*Load Management Technologies and Their Interaction with Dynamic and Real Rates*

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# eMotorWerks Overview



- **Strategy** - deploy JuiceNet-enabled charging systems at scale
  - 25,000+ installations globally to date
  - Across all EV load access points
  - Leading IoT experience for EV owners/operators
  - Embed intelligent load control capabilities
- **Vision** - hardware, software & services business model for EV charging to:
  - Avoid high-cost peak generation
  - Defer costly grid upgrades
  - Improve grid reliability
  - Integrate more renewables into the grid
- **Execution** - as an Enel Group Company

# Smart Grid-Enabled EVSE OEM Ecosystem



JuiceBox



JuicePlug



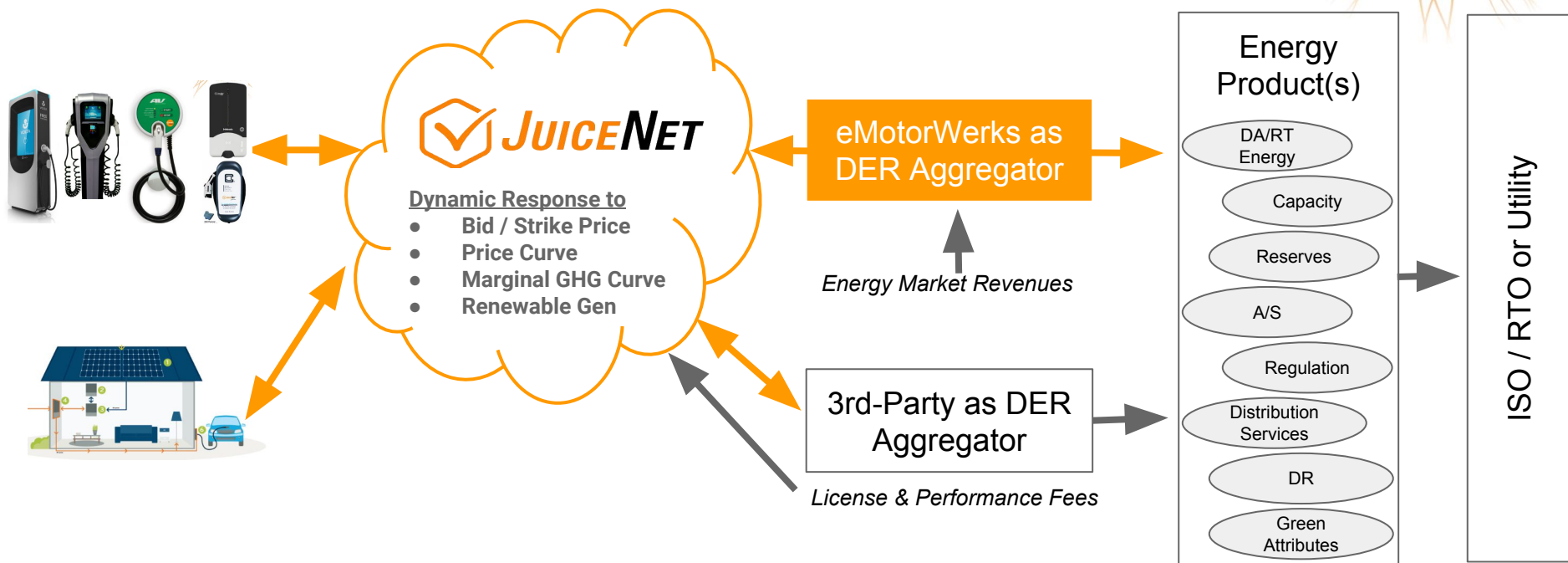
JuiceTower



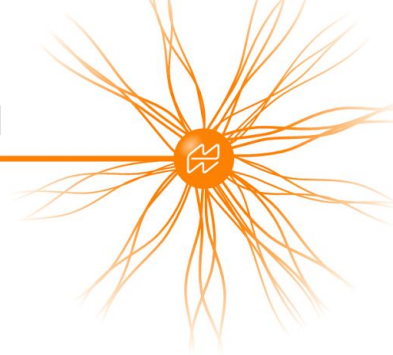
eMotorWerks Residential, Workplace  
& Multi-family Products

JuiceNet OEM Residential & Public EVSEs  
(via embedded smart charging IoT components & software)

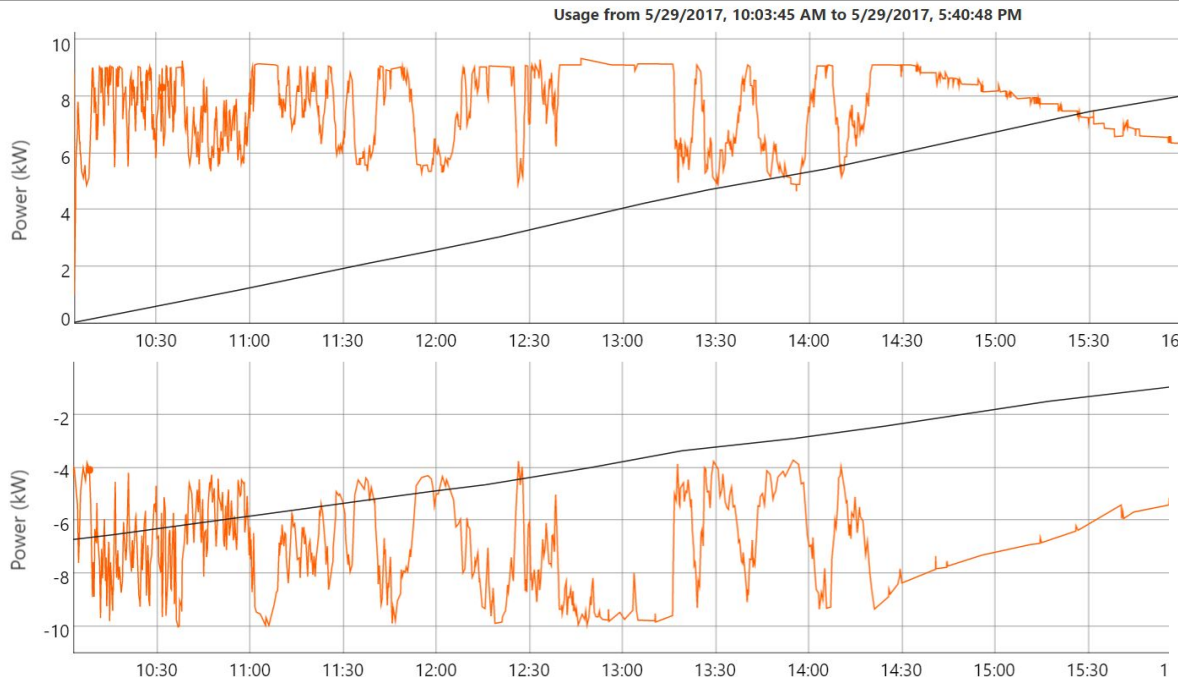
# 1<sup>st</sup> & 3<sup>rd</sup> Party DER Provider



# Real Time Response: Solar Self-Consumption



EV Charging Load (a 9 kW car, allowed to draw [Solar output + 1.7kW])



Linked Solar Generation (a 10 kW panel 1.5 miles away)